## Indiana Department of Environmental Management

Office of Program Support MC 64-00, Room IGCN 1316 100 North Senate Avenue Indianapolis, IN 46204-2251 Telephone: (800) 988-7901 FAX: (317) 233-5627

E-mail: esp@idem.IN.gov

Please use this form if you are a member of the Indiana Environmental Stewardship Program (ESP) to report on progress toward objectives and targets AND certify ESP requirements continue to be achieved. Indiana ESP facilities must submit an Annual Performance Report (APR) by April 1st of every year, for each calendar year in which the entity has been a member for at least three (3) full months. Membership terms are renewed every four (4) years through submitting your APR. Your APR should be reviewed and signed by a senior manager at your facility prior to submittal. Once signed, e-mail the APR to IDEM at <a href="mailto:esp@idem.IN.gov">esp@idem.IN.gov</a>. Please do not include any confidential business information in your annual performance report. Public access laws require IDEM to make the APR publicity available, which may include posting all portions of your report on the Indiana ESP Web site. If you have any questions, please contact IDEM at <a href="mailto:esp@idem.IN.gov">esp@idem.IN.gov</a> or (800) 988-7901.

This form will also be used for ESP members who are also members of the Indiana Partners for Pollution Prevention Program to recertify their membership and reaffirm their commitment to the Partners Pledge

and realiting their commitment to	the Faithers Fleuge.			
SECTION A	FACILITY IN	IFORMATION		
Name of facility Cummins Technical Centre				
Name of parent company (if appli Cummins Inc	icable)			
Street address (number and street 1900 McKinley Avenue,	e()			
City / State / ZIP code Columbus, Indiana, 47201				
County Bartholomew				
Website of facility / company www.cummlns.com				
How many employees (full time e	equivalents) currently work at your facility?			
	CONTACT	NFORMATION		
Name of Primary Contact (Mr. / M Amanda Hennessy	/rs. / Ms. / Dr.)	Title HSE Leader		
Telephone number	Mobile phone number \$123414378	E-mail address amanda.hennessy@cummins.com		
Mailing address (if different from	facility address)			
City / State / ZIP Code		<del></del>		
Name of Secondary Contact (Mr.	. / Mrs. / Ms. / Dr.)	Title		
Olly Udo		Senior Environmental Engineer		
Telephone number	Mobile phone number	E-mail address		
( )	<b>(2678263</b> )15	olly.udo@cummins.com		
Mailing address (if different from	facility address)			
City / State / ZIP Code				
	REPORT	ING PERIOD		
Reporting period dates from prior	r calendar year ( <i>mm/dd/yyyy – mm/dd/yyyy</i> )	· ·		
1/1/21-12/31/21				
1a. Is this the fourth ESP Annu: ☐ Yes—If yes, answer que ☐ No—If no, skip to quest		term?		
☐ Yes—If yes, please answ	Indiana Environmental Stewardship Progran wer question 2a and complete all sections of er question 2a and complete all sections of the	f this annual report.		
Yes—If yes, answer que	ndiana Partners for Pollution Prevention (Part estion 2b. Change in Information" section of this report.	ners) Program?		

	REPORTING PERIOD (CONTI	INUED)
	rtify your Partners for Pollution Prevention (Partners) Pledge? ase complete all sections of this annual report.	
	e complete all sections of this annual report except for Section F.	
	CHANGE IN INFORMATION	
	nd, perhaps, in previous annual performance reports, you describ our facility's list of products or activities?	ed what your facility does or makes. Have there been any
☐ Yes—If yes,	please describe them:	
<b>■</b> No		
SECTION B	PUBLIC OUTREACH AND PERFORMA	
Why do we need this in: IDEM needs to know how public.	formation? v environmental information was shared with the	What do you need to do? Describe how the facility has shared and plans to share environmental information.
Please briefly describe th	e activities that your facility conducted during this reporting period ronmental performance.	i to interact with the community on environmental issues and to
	the following methods your facility plans to use to make its ESP A	nnual Performance Report available to the public. Please check
as many as appropriate.	cummins.com ) ☐ Open house ☐ Meetings	Press releases
SECTION C Why do we need this int	ENVIRONMENTAL MANAGEMENT SYST	TEM ASSESSMENT What do you need to do?
Facilities need to have im	plemented an EMS that meets certain	Answer the following questions
thirty-six (36) months to a	4001 EMS Lead Auditor at least every ssess the EMS.	about your EMS.
1. What is the most rec	ent date that an ISO 14001 EMS Lead Auditor performed an EMS	S assessment at your facility? May 2021
	anization of ISO 14001 EMS Lead Auditor who conducted the most r, Certified HSEMS Lead Auditor Cummins Inc	st recent EMS assessment:
	st recent EMS assessment performed by an ISO 14001 EMS Lea	ad Auditor within the past thirty-six (36) months?
	s, skip to Question 4.	
	please have your ISO 14001 EMS Lead Auditor complete and sig s the listed criteria for ESP membership:	In the following checklist, Indicating whether or not your EMS
Yes No	Evidence of senior management support, commitment, and app	proval.
Yes 🗍 No	A written environmental policy directed toward compliance, poli	lution prevention, and continuous improvement.
☐ Yes ☐ No	Identification of the environmental aspects at the entity.	
☐ Yes ☐ No	Prioritization of the environmental aspects and a determination environmental impacts and applicable laws and regulations.	of those aspects deemed significant considering, at the minimum,
Yes No		s for continuous improvement in environmental performance and guiations, and permit conditions. Objectives and targets must go tal media, types of pollution to be prevented or reduced,
☐ Yes ☐ No	An established community outreach mechanism that Includes in community of important matters that affect the community; and environmental policy and significant aspects.	dentifying and responding to community concerns; Informing the reporting on the EMS, including reporting to the public on the
☐ Yes ☐ No	Incorporation of environmental and pollution prevention plannin and modifications of existing processes.	ng in the development of new products, processes, and services
☐ Yes ☐ No	Evidence of clear responsibility for implementation, training, mocompliance with applicable environmental laws, regulations, an	onitoring, EMS maintenance, taking corrective action, and ensuring of permit conditions.
☐ Yes ☐ No	Documentation of the implementation procedures and the result	Its of implementation.
Yes No	Appropriate written EMS procedures.	
Yes No	An annual evaluation of the EMS with written results provided t	o senior management and affected employees.
1 = =	An annual evaluation of the EMS with written results provided t	o senior management and affected employees.

SEC	CTION C ENVIRONMENTAL MANAGEMENT SYSTEM ASSESSMENT  CONTINUED
4.	Were any deficiencies found during the most recent EMS assessment?  Yes—If yes, describe any deficiencies found and the corrective action taken to address each deficiency:  At the time of the audit the site had established its significant aspects, but was in the process of implementing a new Aspect and Impacts Assessment tool which wasn't complete for the entire site. A corrective action was issued and actions taken to assess the remaining areas of the site. Corrective action is closed and site maintains an accurate list of significant aspects.
	□ No
5.	What type of prolocol was used to perform the independent EMS assessment?  ISO 14001:2015 Certified audit  ESP Independent Assessment Protocol  Other (please specify):
6.	Is the EMS certified to a recognized standard?  Yes—If yes, what standard does the EMS follow (please provide a copy of the most recent certificate)?  ISO 14001:2015  Responsible Care EMS  Responsible Care 14001
7.	When was the last Senior Management review of your EMS completed?  Month / Year: 3/11/2022  Who headed the review (name and title)? Paul Sowerby, Executive Director, Global Technical Operations
8.	When did your facility last conduct an internal or corporate environmental compliance audit? Do not include inspections or site visits by regulatory organizations.  In 2nd November 2020, we had an external compliance audit. In 2021 we had an internal compliance review.  Scope of the compliance audit: The scope Included HSE, legal and other requirements  Month(s) / Year(s): November 2020 and 2021  Who conducted the audit(s) (e.g., facility staff, corporate, third party)?  ERM (external audit) and CTC-HSE(Internal Audit)
9. Fuel	Explain the emergencies experienced within the facility during the past year. Were the applicable emergency and contingency plans detailed in the EMS effective? What changes, if any, have been made to your facility's emergency or contingency plans?
	Has your facility corrected all Instances of potential environmental non-compliance and EMS non-conformance identified during your audits and other assessments?  Yes—if yes, briefly summarize corrective actions taken and other improvements made as a result of your EMS assessment(s) or plans to correct these instances. compliance audit(s).  arground Storage Tanks Inspection- We are currently getting our tenks inspected and findings are being addressed.
Wh This	CTION D  ADDITIONAL INFORMATION  What do you need to do? s information will help IDEM to effectively manage the vironmental Stewardship Program.  ADDITIONAL INFORMATION  What do you need to do?  Answer the questions as completely as possible.
1. None	In addition to ESP, please list environmental awards received or voluntary programs participated in during the past twelve (12) months.
2. None	Has your facility taken advantage of any ESP incentives? If so, please describe the implementation process and list additional benefits IDEM should consider.

			red to the ISO 14001 standard price a achieving registration?	or to becoming an ESP member,	has ESP helped you to pursue registration? If so, how	
4. Are Yes						
SECTIO	DN D		ADDIT	IONAL INFORMATION (CONT.	INUED)	
com	5. If you are a member of Partners, please reaffirm your facility's or organization's pledge to the Partners and provide additional information regarding commitment to pollution prevention (P2).					
Yes	No	Ensure em	nnlovees are aware of the facility's	commitment to P2 and understa	and their role in implementing P2 objectives and goals	
		in the facili				
		Your facilit	ly has incorporated P2 planning in	the development of new produc	ls, processes, and/or services.	
			ly established a mechanism to mo	<u>-</u>	· · · · · · · · · · · · · · · · · · ·	
			ly has established a process to list	•	· · · · · · · · · · · · · · · · · · ·	
			ty makes available your general wa f requested?	aste reduction and P2 informatio	n to members of our community, IDEM, and the	
		6. Your facility has participated in or conducted outreach activities that include details of your P2 efforts; please specify:				
		7. Your facilit	ly has participated in two or more I	Partners meetings in the last year	ar.	
	8. Your facility supported the annual Pollution Prevention Conference and Trade Show.    Please check all that apply:   Financial sponsorship   One or more attendees from your facility   Other (specify)					
Facilitie initiative	o we need es need to e that was cumulative	d this informatio s share the results s pursued during t e program reducti	n? s of the environmental improvemer the reporting period. IDEM needs i	to complete this : the initiative	What do you need to do? what do you need to do? rence Section F for "Category" and "Indicator" options to section. Summarize your facility's progress on achieving e you identified in the application or last year's APR. For , please call (800) 988-7901 or email <a href="mailto:esp@idem.IN.qov">esp@idem.IN.qov</a> .	
<b>-</b>	γγ 1; Energ	v Use	Baseline	Current	1	
l •	OF1: Electr		(indicate measurement unit)	(indicate measurement unit)	Cost Savings	
Calend	аг уеаг		2021	2022		
Actual	quantity (	per year)	1,6667,598 KWh	0 (Savings)		
Produc	Production unit (select one)  Earned Labor Hours Production units Production lbs.  KWH Other specify (e.g. Gallons, length, etc.)					
Produc	lion Quar	ntity			NA	
Normal	izalion fa	ctor (Current year	production ÷ Baseline year produ	clion)		
			nt year quantity - Actual baseline q			
Briefly describe how you achieved improvements for environmental initiative #1 or, if relevant, any circumstances that delayed progress.  Installation of Regan Dynos						
Initiativ	ve #2					
Calegory 2: Water Use Baseline Current						
	-	r(condensate savings)	(indicate measurement unit)	(indicate measurement unit)	Cost Savings	
Calend	аг уеаг		2021	2022		
Actual	quantity (	per year)	1,000,050 Gallons	0 Gellons		

	<del></del>				
Production unit (select one)	Earned Labor Hours Production units Production lbs.  Other specify (e.g. Gallons, length, etc.)				
Production Quantity			NA .		
Normalization factor (Current year	production ÷ Baseline year produ	uclion)			
	nt year quantity - Actual baseline o				
	l improvements for environmental	initiative #2 or, if relevant, any o	circumstances that delayed progress.		
Initiative #3					
Category 3:	Baseline	Current	2012		
Indicator 3:	(Indicate measurement unit)	(indicate measurement unit)	Cost Savings		
Calendar year			·		
Actual quantity (per year)					
Production unit (select one)	Earned Labor Hours Other specify (e.g. Gallo		duction lbs.		
Production Quantity			NA		
Normalization factor (Current year	r production ÷ Baseline year produ	uction)	·		
Normalized quantity (Actual curren	nt year quantily - Actual baseline o	quantity) x Normalization factor	-		
Briefly describe <i>how</i> you achleved	Briefly describe how you achieved improvements for environmental initiative #3 or, if relevant, any circumstances that delayed progress.				
SECTION E	ENVIRONMENTA	L IMPROVEMENT INITIATIVE CONTINUED	RESULTS		
1. Briefly describe the <i>impacts or wastes</i> eliminated resulting from the environmental initiative(s). If multiple initiatives, please indicate which specifically. We are reusing absorbents which can be re-laundered and used instead of making use of wipes that can only be used once and disposed of.					
2. Are there other best management practices (BMPs) you can share correlating to your initiative(s)? Transition to washable absorbents Upgrade to energy efficient lightings					
3. If the objectives and targets associated with the environmental improvement initiative(s) were not attained, please verify continued progress toward the environmental initiative(s). If multiple initiatives, please indicate which specifically.					
4. Please provide a narrative summary of progress made toward <i>qualitative, significant</i> EMS objectives and targets, if any.					
5. Please list any state, U.S. EPA, or other partnership programs to which you are reporting this data (e.g., Energy Star, DOE Energy Performance, state award application).  We are Superior Energy Performance certified.					
6. Would your facility be willing to share the environmental improvement initiative(s) and its best management practices (BMPs) at the ESP Annual Meeting and/or a Partners for Pollution Prevention quarterly meeting or conference? Yes No					

## SECTION F

## FUTURE YEAR ENVIRONMENTAL IMPROVEMENT INITIATIVE

Why do we need this information? Facilities need to show they are committed to improving their environmental performance. What do you need to do? Refer to the Environmental Performance Table and answer the following questions.

Select the appropriate boxes in the following table to indicate the category and Indicator(s) that represents the future environmental
improvement initiative selected by your facility. For the category and indicator selected, list the baseline year (e.g., 2022) and the future year
(e.g., 2023). Next, list the baseline annual quantity (e.g., 5 tons) and future annual quantity (e.g., 2 tons) you are committing to achieve by the
end of the future year.

Category	Indicator	Baseline Year 20 <u>22</u>	Future Year 20 <u>23</u>	Unit
Metarial Descriptions	☐ Recycled content			☐ Pounds, ☐ tons ☐ gallons
Malerial Procurement	☐ Hazardous/toxic components			☐ Pounds, ☐ tons ☐ gallons
Suppliers' Environmental Performance	Specify indicator:			As specified for the particular indicator
	Materials used	7165	0 (we expect to have savings of about 7165 lb)	■ Pounds, ☐ tons ☐ gallons
☐ Material Use	☐ Hazardous malerials used			☐ Pounds, ☐ lons ☐ gallons
	Ozone depleting substances used			CFC-11 equivalent pounds
	☐ Total packaging materials used			☐ Pounds, ☐ tons
☐ Water Use	Total water used	1,000,050	0(Condensate reclaim project)	Gallons
	■ Electricity	1,845,600	0 (regen dyno)	i kWh, □ MWh
	☐ Steam			☐ kWh, ☐ MWh, ☐ gallons, ☐ ft³
	☐ Natural gas			☐ Btu, ☐ MMBtu
	☐ Diesel			Gallons
	☐ Propane / LPG			☐ Btu, ☐ MMBlu, ☐ gallons
☐ Energy Use	☐ Gasoline			Gallons
	Solar			☐ kWh, ☐ MWh
	Wind			☐ kWh, ☐ MWh
	☐ Landfill gas			☐ Btu, ☐ MMBtu
	☐ Combined heat and power			☐ kWh, ☐ MWh, ☐ Blu, ☐ MMBlu
	☐ Other:			
	☐ Land and habitat conservation			☐ Square feet, ☐ acres
☐ Land and Habitat	☐ Community land revitalization			☐ Square feet, ☐ acres
	☐ Total□GHGs			MTCO2E
	□VOCs			☐ Pounds, ☐ tons
	□ NOx, SOx, PM <sub>2.5</sub> , PM <sub>10</sub> , or CO			☐ Pounds, ☐ tons
☐ Air Emissions	☐ Air toxics			☐ Pounds, ☐ tons
	Odor			European Odour Units
	Radiation			☐ Curies, ☐ Becquerels
	☐ Dust			☐ Pounds, ☐ tons
	COD or BOD			☐ Pounds, ☐ tons
	Toxics			☐Pounds, ☐ tons
	☐ Total suspended solids			☐Pounds, ☐ tons
☐ Discharges to Water	□ Nutrients			☐Pounds, ☐ tons of ☐ N or ☐ P
	☐ Sediment from runoff			☐Pounds, ☐ tons
	☐ Pathogens		T	☐MPN/ml, ☐ CFU/ml

Category	Indicator	Baseline Year 20	Future Year 20	Unit
	Landfill			Pounds, ☐ tons
	☐ Incineration		<del></del>	□ Pounds, □ tons
☐ Non-hazardous Waste ☐ Hazardous Waste	☐ Reused/recycled off-site			□Pounds, □ tons, □galtons
	Olher:			☐Pounds, ☐ tons,
□ Noise	□ Noise			dBA
☐ Vibration	☐ Vibration			Inches per second
	☐ Expected lifetime energy use			□kWh, □ MWh, □ Btu, □ MMBtu,
	☐ Expected lifetime water use			Gallons
Products	Expected lifetime waste to air, water, or land from product use			☐ Pounds, ☐ tons
	☐ Waste to air, water, or land from disposal or recovery			☐ Pounds, ☐ tons
1. If the future environmental i		NVIRONMENTAL IMPROVEN CONTINUED ive in nature, please describe		
<ol> <li>What activities or process changes do you plan to undertake at your facility to accomplish your future initiative (e.g., technology changes in a particular process line, employee training)?</li> <li>Installation of Regen Dynos</li> <li>Does this future initiative address a significant aspect in your EMS?         <ul> <li>Yes</li> <li>No—If no, please explain why you believe this indicator should be included as an environmental improvement initiative:</li> </ul> </li> <li>Belter energy performance for the site.</li> </ol>				
	CERTIFIC	ATION AND PLEDGE	·	
On behalf of (name of facility)	mmins Technical Centre	···		
I certify that the Information contained in this Annual Performance Report and attachments is accurate to the best of my knowledge and that this facility is, to the best of my knowledge and based on reasonable inquiry, currently in compliance with all applicable federal, state, and local environmental requirements, or has a corrective action program in place to attain compliance.  We, Cummins Technical Centre				
			<del></del>	<u> </u>
Signature Otty Uc		igitally signed by Ot		Date (month, day, year)
	10 Da	ate: 2022.03.28 15:	15:12 -04'00'	3/28/2021
Printed signature Otty Udo			Title Senior Environmental Enginee	r

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